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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/712,926	11/16/2000	Ulf Mattsson	0104-0308P	2969

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EXAMINER

JACKSON, JENISE E

ART UNIT PAPER NUMBER

2131

DATE MAILED: 07/01/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/712,926

Applicant(s)

MATTSSON ET AL.

Examiner

Jenise E Jackson

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>5</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-15 rejected under 35 U.S.C. 102(b) as being anticipated by Sutter(5,924,094).

3. As per claim 1, Sutter discloses a method for altering encryption status in a relational database in a continuous process(see col. 43, lines 45-55, col. 50, lines 39-44), wherein at least one table of the database includes at least one base area and at least one maintenance area(see col. 3, lines 40-52), copying all records from the base area to the maintenance area;(see col. 9, lines 10-22) directing action of commands intended for the base area to the maintenance area; altering encryption status of the base area; copying all data records from the maintenance area to the base area; and redirecting action of commands to the base area(see col. 13, lines 39-60, col. 59, lines 11-25).

4. As per claim 2, Sutter inherently discloses a trigger, because Sutter discloses a relational database(see col. 43, lines 45-55).

5. As per claim 3, Sutter discloses wherein the commands are data manipulation language statements(see col. 6, lines 61-66).

6. As per claim 4, Sutter discloses wherein each base area in the database table have a corresponding maintenance area(see col. 3, lines 40-52).

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7. As per claim 5, Sutter discloses emptying the maintenance area(see col. 68, lines 64-67, col. 69, lines 4-19).
8. As per claim 6, Sutter discloses emptying the base area before the step of altering(see col. 69, lines 4-19).
9. As per claim 7, and 9, Sutter inherently discloses updating the records with null and raw, because Sutter discloses a relational database(see col. 43, lines 45-55).
10. As per claim 8, Sutter discloses changing the data type of the base area(see col. 72, lines 6-20).
11. As per claim 10, Sutter discloses a method for altering encryption status in a relational database in a continuous process(see col. 43, lines 45-55, col. 50, lines 39-44), wherein at least one table of the database includes at least one base area, and for each base area a corresponding area (col. 3, lines 40-52), activating encryption means for the corresponding column; directing action of commands intended for the base area to the maintenance area; copying all records from the base area to the corresponding area; and emptying the base area(see col. 68, lines 64-67, col. 69, lines 4-19).
12. As per claim 11, Sutter discloses wherein the base area is a first column of the table and the maintenance area is a second column of the table(see col. 43, lines 45-55).
13. As per claim 12, limitations have already been addressed(see claim 1).
14. As per claim 13, limitations have already been addressed(see claim 2).
15. As per claim 14, Sutter discloses wherein the commands are data manipulation language(DML) statements(see col. 6, lines 61-66).

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16. As per claim 15, Sutter discloses wherein each base column in the database table have a corresponding maintenance column(see col. 3, lines 40-52).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jenise E Jackson whose telephone number is (703) 306-0426. The examiner can normally be reached on M-Th (6:00 a.m. - 3:30 p.m.) alternate Friday's.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Shiekh can be reached on (703) 305-9648. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


